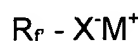


## **IN THE CLAIMS:**

Please amend the claims as follows:

**1. (Currently Amended)** A process for the synthesis of chlorotrifluoroethylene (PCTFE) (co)polymers, containing at least 80% by moles of CTFE, the complement to 100 being one or more fluorinated monomers in aqueous emulsion, in the presence of a microemulsion consisting of water, (per)fluoropolyoxyalkylenes, a and fluorinated surfactant, and an inorganic initiator, wherein the fluorinated surfactant has formula:



wherein  $R_F$  is a  $C_5$ - $C_{14}$  (per)fluoroalkyl chain, or a (per)fluoropolyoxyalkylene chain,  $X^-$  is  $-COO^-$  or  $-SO_3^-$ ,  $M^+$  is  $Na^+$  or  $K^+$ , and the initiator is a potassium and/or sodium persulphate, wherein temperature is in the range of  $0^\circ C$  -  $150^\circ C$  and pressure is in the range of 3 - 80 bar.

**2. (Cancelled)**

**3. (Previously Amended)** A process according to claim 1, wherein  $M^+$  is  $K^+$ .

**4. (Cancelled)**

**5. (Cancelled)**

**6. (Cancelled)**

**7. (Previously Amended)** A process according to claim 1, wherein the temperature ranges between 10 °C and 70 °C and the pressure between 4 and 20 bar.

**8. (Previously Amended)** A process according to claim 1, wherein the CTFE is liquid.

**9. (Previously Added)** A process according to claim 1, wherein the fluorinated monomers are perfluorinated.

**10. (Cancelled)**